GR 98 P 2971

Abstract

Surface acoustic wave arrangement having at least two surface acoustic wave structures.

In order to reduce scattering losses during the transmission of a surface acoustic wave signal, the invention proposes that the junction between two mutually offset surface acoustic wave structures be designed such that the finger period is reduced in the region of the junction, and such that the finger period varies continuously in the region of the junction.

Figure 3

which is connected to a first connection, having a total of 27 to 35 electrode fingers and, in contrast, the two outer interdigital transducers, which are connected to a second connection, have a total of 20 to 24 electrode fingers. The distances between the central interdigital transducer and the two outer interdigital transducers are of different magnitude.

A2 concl.

The arrangement can be in the form of a two-track arrangement, with the finger periods of the reflectors in the two tracks being of different magnitude. The arrangement can be in the form of a reactance filter with single-port resonators, with a junction between the different finger periods of an interdigital transducer and a reflector in at least one single-port resonator.

Page 6, please replace the paragraph starting at line 30 with the following paragraph and heading:

A3

The invention will be explained in more detail in the following text, with reference to exemplary embodiments and the drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Page 7, please replace the paragraph starting at line 13 with the following paragraph and heading:

A4

Figure 5 is a graph showing a comparison of the pass characteristic of filters according to the invention and known filters, based on measured curves.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

IN THE ABSTRACT:

Please replace the Abstract on the unnumbered page following page 14 with the attached unnumbered page containing an Abstract of the Disclosure.